



PUMP

The Pedrollo VX/VXC range of submersible drainage pumps are designed to handle industrial waste water and sewage. The open type impellers make the pumps especially suitable for pumping water containing a **high proportion of solid particles** including **threads and fibres**.

Material of construction is **heavy duty cast iron for motor housing** and pump body except VX 40/50 whose motor housing is made from **AISI 304 stainless steel**. All pumps are supplied with 10m neoprene cable and the VXCm15/45 also includes an **integral float switch** for low level control.

Two configurations are available. VX/VXC for either portable or fixed sump applications and VXC-F for sewage installations with discharge connection and guide bars provided.

MOTOR

Hermetically sealed induction motor designed for continuous duty provided the pump remains partially submerged (min 350mm). A control box is recommended for the single phase models which should be connected to a fused supply. Three phase models requires a remote DOL starter.

Enclosure Class: **IPX8**

Insulation Class: **F**

Speed: **2900rpm**

OPERATING CONDITIONS

Pumped liquid: **Thin, chemically non-aggressive liquids, containing suspended particles up to the specified size.**

Max. Fluid Temperature: **+40°C**

Max. Operating Depth: **10m**

PUMP DATA

Model	Motor		Current(A)		DN (")	Solids Passage (mm)	Dimensions (mm)						Weight (kg)	
	kW	HP	1x240V	3x415V			A	B	C	H	P min	Ø min		
VXm10/35	0.75	1	4.8		1.5	40			148	406				14
VXm15/50	1.1	1.5	7.0		2	50		95		446	500	500		16
VXCm15/45									155		428		20	
VXC30/50 (-F)	2.2	3		5.7	2.5		198	122	169	457	800	800		49
VX40/50	3	4		5.8	2				587	700	500		48	
VX55/50	4	5.5		7			107	170	627				54	
VX75/65	5.5	7.5		12.7	2.5	65				700	800		65	
VXC455/100	4	5.5		9	4	100		228	165	806	1000	1000		132

Typical Installation

